

ECOLINE GT 40 – Steel Gate Valve



ECOLINE GT 40

Applications:

For water, steam, gas and other non-aggressive fluids

- Industrial plants and process engineering
- Building services and water engineering
- Shipbuilding

More information:

www.ksb.com/products



STAAL 40 AKKS
Weld end
swing check valve



STAAL 40 AKK
Flanged
swing check valve

ECOLINE GT 40 – Steel Gate Valve

1 Additional features ensure safe sealing to atmosphere

- Fully confined bonnet gasket which prevents creeping of the gasket (PN 40)
- Graphite gland packing with packing end rings

2 Additional safety and blow-out protection

- Screwed back seat as a standard

3 Reliable, tight shut-off

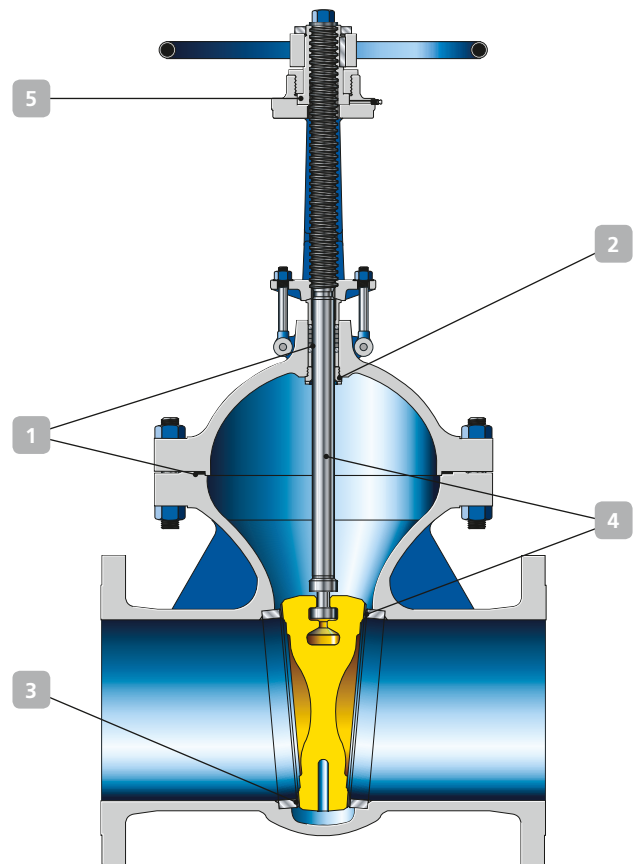
- With larger seat/disc interface. This makes for tight shut-off at the seat/disc interface when the seat was re-worked.

4 Long service life and high functional reliability

- Of the gland packing due to non-rotating stem with burnished shank
- Hard-faced seat/disc interface made of wear-resistant and corrosion-proof materials. Stellite seat as a standard

5 For numerous applications

- Threaded bush free from non-ferrous materials



Technical data	
Pressure	Up to 40 bar
Temperature	Up to 400 °C

Standard variants	
Stem protecting tube	
Stem protecting tube with position indicator	
Stem protecting tube with position switch	
TA-Luft-compliant	
Bypass	
Actuator installation kit	
Electric actuators	
Spur or bevel gear	
Seat/disc interface made of wear-resistant and corrosion-proof stellite	
Other flange designs	

Pressure/temperature ratings									
Permissible operating pressures in bar at a temperature of °C (to EN 1092-1) ¹⁾									
Nominal pressure	Material	RT ²⁾	100	150	200	250	300	350	400
10	GP 240 GH	10.0	9.2	8.8	8.3	7.6	6.9	6.4	5.9
16		16.0	14.8	14.0	13.3	12.1	11.0	10.2	9.5
25		25.0	23.2	22.0	20.8	19.0	17.2	16.0	14.8
40		40.0	37.1	35.2	33.3	30.4	27.6	25.7	23.8

Materials	
Flange design: DN 50-600 cast steel GP 240 GH (1.0619)	
Additional type series	
Gate valve made of forged steel and/or boiler plate: STAAL 40 AKD/AKDS	
Swing check valve made of boiler plate: STAAL 40 AKK/AKKS	
¹⁾ Operating pressures to DIN 2401 are also permissible.	
²⁾ RT: room temperature (-10 °C to +50 °C)	



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